



Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A micro-particle array analyzing system comprising:
a vessel holding at least a magnetic micro-particle ~~and/or~~ and at least a non-magnetic micro-particle, said vessel being arranged to receive a sample therein; and ~~micro-particle;~~
~~introducing means for introducing a sample and a solution into the vessel; and~~
~~a position control means~~ a magnet member disposed outside of the vessel for magnetically controlling a relative position of the magnetic micro-particle with respect to the vessel,
wherein the magnetic micro-particle ~~and/or~~ and non-magnetic micro-particle are ~~included~~ arranged in a given sequence within the vessel.
2. (currently amended) The micro-particle array analyzing system according to Claim 1, wherein the vessel holds first and second magnetic micro-particles, and the non-magnetic micro-particle has a probe immobilized to a surface thereof, and is ~~included in the vessel to be sandwiched between the~~ first and second magnetic micro-particles.

3. (original) The micro-particle array analyzing system according to Claim 1, wherein a plurality of magnetic micro-particles are used and at least one of the magnetic micro-particles has a probe immobilized to a surface thereof.

4. (original) The micro-particle array analyzing system according to Claim 2, further comprising:

a detector for detecting a bond between the probe and organism-related molecules included in the sample; and
an analyzer for analyzing results of detection.

5. (currently amended) The micro-particle array analyzing system according to Claim 1, wherein the ~~position-control means is a magnet member~~ movably is movably provided outside of the vessel.

6. (currently amended) The micro-particle array analyzing system according to Claim 1, wherein the ~~position-control means~~ magnet member is an electromagnet provided outside of the vessel, and the electromagnet controls capturing to the ~~electromagnet, electromagnet~~ and dissociation from the electromagnet of the magnetic micro-particle depending on variation of ~~magnetic~~ a magnetic field to be generated by the electromagnet.

7. (currently amended) The micro-particle array analyzing system according to Claim 1, wherein the vessel has branched channels inside, the magnetic micro-particle ~~and/or~~ or the non-magnetic micro-particle are included in one of the

branched channels, and the given magnetic ~~micro-particle and/or~~ micro-particle or the given non-magnetic micro-particle are taken out from an opening end of one of other channels.

8. (currently amended) The micro-particle array analyzing system according to Claim 1, further comprising:

a transport mechanism for transporting particular molecules in a sample by collecting the magnetic micro-particle ~~and/or~~ or the non-magnetic micro-particle being taken out from an opening end of the vessel; and
an electrophoresis apparatus connected to the transport mechanism.

9. (currently amended) The micro-particle array analyzing system according to Claim 1, further comprising:

a transport mechanism for transporting particular molecules in a sample by collecting the magnetic micro-particle ~~and/or~~ or the non-magnetic micro-particle being taken out from an opening end of the vessel; and
a mass spectroscope connected to the transport mechanism.

10. (currently amended) A micro-particle array kit comprising:

a vessel holding at least a magnetic micro-particle ~~and/or~~ and at least a non-magnetic micro-particle;
a magnet member disposed outside of the vessel; and
a probe ~~binding~~ for binding to a particular molecule and being immobilized to any one of positions inside the vessel,

wherein the magnetic micro-particle ~~and/or~~ and non-magnetic micro-particle
are ~~included~~ arranged in a given sequence within the vessel.

11. (original) The micro-particle array kit according to Claim 10, wherein the probe is immobilized to the non-magnetic micro-particle.

12. (original) The micro-particle array kit according to Claim 10, wherein the probe is immobilized to the magnetic micro-particle.

13. (currently amended) The micro-particle array kit according to Claim 10, wherein the vessel is a channel provided in any one of a capillary or a substrate.

14. – 18. (canceled)